In the claims:

Please cancel claims 1-63 and 72-93, without prejudice.

Please add the following new claims:

94. (New) The microphone assembly according to claim 64 wherein the signal processing circuitry comprises circuitry for generating at least one pattern signal.

95. (New) The microphone assembly according to claim 94 wherein the signal processing circuitry further comprises a high-pass filter for generating, using the at least one pattern signal, the assembly output signal.

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96. (New) The microphone assembly according to claim 94 wherein the circuitry comprises at least two high-pass roll-off filters and a differencing circuit.

97. (New) The microphone assembly according to claim 96 wherein the differencing circuit comprises at least two gain adjusters for trimming out mid-band amplitude sensitivity differences in the at least two microphones.

98. (New) The microphone assembly according to claim 64 wherein the signal processing circuitry provides for close matching of effective mid-band sensitivity of the electrical signals.

99. (New) The microphone assembly according to claim 64 wherein the signal processing circuitry clearly demarcates a lower end of a useful bandwidth for the assembly output signal.

100. (New) The microphone assembly according to claim 64 wherein the signal processing circuitry generates an additional output signal having an extended low frequency response in comparison to the assembly output signal.

101. (New) The microphone assembly according to claim 64 wherein the at least two microphones have low-frequency cutoff frequencies that are closely matched.

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102. (New) The microphone assembly according to claim 101 wherein closely matched comprises mismatches of no greater than approximately 1/15 of the 300Hz lower frequency limit of a useful assembly frequency range.

103. (New) A microphone assembly comprising:

at least two microphones, each of said at least two microphones receiving sound energy and generating electrical signals corresponding to the sound energy received;

signal processing circuitry, said signal processing circuitry processing the electrical signals into an assembly output signal; and

said signal processing circuitry limiting adverse effects on the assembly output signal from amplitude and phase mismatches between the at least two microphones.

104. (New) The microphone assembly according to claim 103 further comprising a case for housing said at least two microphones and said signal processing circuitry.

105. (New) The microphone assembly according to claim 104 wherein the case is mounted on a mounting side of an acoustical barrier.

106. (New) The microphone assembly according to claim 105 wherein the acoustical barrier comprises an interior surface of a passenger vehicle.

107. (New) The microphone assembly according to claim 105 further comprising at least one sealing gasket located between said case and the mounting side of the acoustical barrier.

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108. (New) The microphone assembly according to claim 104 further comprising at least two sealing members which seal the at least two microphones to at least two acoustical openings in the case.

109. (New) The microphone assembly according to claim 104 further comprising at least two protective screens located between an inner surface of the case and the at least two microphones.

110. (New) The microphone assembly according to claim 105 further comprising a covering located on at least a portion of a pick-up side of the acoustical barrier.

111. (New) The microphone assembly according to claim 103 wherein the signal processing circuitry comprises circuitry for generating at least one pattern signal.

112. (New) The microphone assembly according to claim 111 wherein the signal processing circuitry further comprises a high-pass filter for generating, using the at least one pattern signal, the assembly output signal.

113. (New) The microphone assembly according to claim 111 wherein the circuitry comprises at least two high-pass roll-off filters and a differencing circuit.

114. (New) The microphone assembly according to claim 113 wherein the differencing circuit comprises at least two gain adjusters for trimming out mid-band amplitude sensitivity differences in the at least two microphones.

115. (New) The microphone assembly according to claim 103 wherein the signal processing circuitry provides for close matching of effective mid-band sensitivity of the electrical signals.

116. (New) The microphone assembly according to claim 103 wherein the signal processing circuitry clearly demarcates a lower end of a useful bandwidth for the assembly output signal.

117. (New) The microphone assembly according to claim 103 wherein the signal processing circuitry generates an additional output signal having an extended low frequency response in comparison to the assembly output signal.

118. (New) A microphone assembly comprising:

at least two microphones, each of said at least two microphones receiving sound energy and generating electrical signals corresponding to the sound energy received;

signal processing circuitry, said signal processing circuitry processing the electrical signals into an assembly output signal; and

said at least two microphones being configured to limit adverse effects on the assembly output signal from amplitude and phase mismatches between the at least two microphones.

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119. (New) The microphone assembly according to claim 118 further comprising a case for housing said at least two microphones and said signal processing circuitry.

120. (New) The microphone assembly according to claim 119 wherein the case is mounted on a mounting side of an acoustical barrier.

121. (New) The microphone assembly according to claim 120 wherein the acoustical barrier comprises an interior surface of a passenger vehicle.

122. (New) The microphone assembly according to claim 120 further comprising at least one sealing gasket located between said case and the mounting side of the acoustical barrier.

123. (New) The microphone assembly according to claim 119 further comprising at least two sealing members which seal the at least two microphones to at least two acoustical openings in the case.